

PRODUCT IDENTITY

PRODUCT NAME	Trichostatin A(TSA)	PRODUCT NUMBER	T1375509
Grades & Purity	Moligand™, ≥95%	VERSION	3
CAS NUMBER	58880-19-6	FORMULA	C ₁₇ H ₂₂ N ₂ O ₃
FORMULA WEIGHT	302.37g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(T1375509)	Off-white to white to pale yellow to brown to orange-green powder to crystal
Nitrogen by Elemental Analysis (anhydrous)	8.6-9.5 (%)
Optical purity(HPLC)(ee)	95-100 (%)
Carbon by Elemental Analysis(anhydrous)	62.8-68.8 (%)
Purity(HPLC area)	95-100 (%)
NMR Spectrum 1H	Conforms to Structure
Specific Rotation [α] ₂₀ /D(c=0.13 in EtOH)	89-103 (°)